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METEOROLOGICAL JOURNAL,

KEPT BY THE ASSISTANT SECRETARY

AT THE APARTMENTS OF THE

ROYAL SOCIETY,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

METEOROLOGICAL JOURNAL FOR JULY, 1833.

1833. July.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	29.869	75.5	29.835	69.9	47	62.2	61.6	53.7	66.6	0.050	SW	{ A.M.Fine and clear. P.M.Heavy thun- der showers, with hail and brisk wind.
☉ ♂ 2	29.953	72.4	29.968	68.7	47	61.2	65.0	47.3	67.0	0.272	W	
☉ ♀ 3	30.041	69.8	30.071	68.2	47	63.2	64.3	50.2	66.7		W	{ Fine and clear—light clouds.—Even- ing, very calm.
☉ ♀ 4	30.204	73.6	30.174	70.2	48	65.8	72.7	51.7	73.7	0.094	SSW	{ Fair—cloudy and overcast.—Evening, fine.
☉ ♀ 5	30.171	67.3	30.095	70.4	56	63.9	71.0	56.6	73.3	0.011	SSW	Fine—lightly cloudy.
☉ ♀ 6	29.867	68.7	29.775	70.4	55	68.9	71.5	55.3	73.8		E	{ Fine.—A.M. Light high clouds. P.M. Cloudless.
☉ ☉ 7	29.657	68.7	29.697	70.9	56	67.5	67.8	61.3	69.7		E	Lightly overcast.—Light rain, P.M.
☉ ☉ 8	29.827	66.2	29.893	68.7	57	61.6	66.2	58.3	68.6	0.105	W	{ Overcast—showery.—Light breeze at night.
☉ ♂ 9	30.116	65.2	30.120	68.4	52	60.2	63.7	54.8	65.8	0.400	N	{ Cloudy—light unsteady airs.—Evening, fine and clear.
☉ ♀ 10	30.053	70.7	29.991	70.3	55	65.0	73.2	52.7	73.4		NNW	Fine—lightly cloudy.
☉ ♀ 11	29.950	68.6	29.922	71.3	60	64.5	68.0	57.6	71.9		NNW	{ Lightly cloudy and overcast.—Light shower, P.M.
☉ ♀ 12	29.867	65.3	29.838	67.0	53	58.5	63.6	55.6	64.5		E	Overcast—light wind.
☉ ♀ 13	29.933	62.4	29.970	66.0	51	56.7	61.1	52.9	61.7		N	Overcast—light wind.
☉ ☉ 14	30.012	65.6	29.968	66.7	53	59.8	65.2	55.2	70.4		N	Overcast.
☉ ☉ 15	30.031	73.0	30.073	68.9	56	63.0	69.7	58.3	71.4		SE	{ A.M. Cloudy. P.M. Fine—light clouds and wind.
☉ ♂ 16	30.232	72.3	30.223	70.7	54	65.2	73.6	56.0	74.2		N	Fine and cloudless.
☉ ♀ 17	30.241	71.6	30.220	73.2	62	69.0	78.0	58.6	80.4		SW	A.M. Fine. P.M. Cloudy.
☉ ♀ 18	30.184	71.0	30.109	74.5	61	70.5	78.4	63.7	80.4		S	Lightly cloudy.—Fine, P.M.
☉ ♀ 19	29.905	71.1	29.802	73.2	58	66.5	70.6	62.8	74.8		SW	A.M. Fine. P.M. Heavy rain at 2½ h.
☉ ♀ 20	29.665	73.3	29.660	73.6	58	67.2	68.0	60.0	71.4		SW	Cloudy.—Light wind and rain, P.M.
☉ ☉ 21	29.778	70.6	29.821	70.7	53	62.1	64.4	53.3	66.3	0.092	W	A.M. Cloudy. P.M. Fine and clear.
☉ ☉ 22	29.827	65.7	29.693	68.6	58	59.0	67.8	52.2	69.7	0.161	SSW	{ A.M. Rain. P.M. Cloudy.—Evening, fine.
☉ ♂ 23	29.769	68.6	29.682	69.8	57	63.9	62.1	57.3	70.7	0.200	WSW	{ Overcast.—Heavy shower, P.M.— Evening clear.
☉ ♀ 24	30.065	70.7	30.108	69.6	50	63.3	67.2	51.4	67.8	0.297	NNW	Fine and clear—light clouds.
☉ ♀ 25	30.307	67.8	30.307	69.8	57	63.1	70.3	53.1	71.8		SW	Overcast.—Evening, fine and clear.
☉ ♀ 26	30.339	71.3	30.279	70.7	50	65.2	73.9	53.3	76.3		WSW	Fine and nearly cloudless.
☉ ♀ 27	30.301	72.4	30.283	73.9	63	71.4	79.6	63.2	80.5		W	{ Fine.—A.M. Light high clouds. P.M. Nearly cloudless.
☉ ☉ 28	30.326	73.9	30.301	75.6	64	71.7	75.3	64.7	78.4		NNE	A.M. Overcast. P.M. Fine and clear.
☉ ☉ 29	30.347	73.6	30.324	75.1	59	67.3	74.3	58.7	75.7		E	{ A.M. Light soft clouds. P.M. Clear and cloudless—light breeze.
☉ ♂ 30	30.461	70.4	30.455	73.0	58	61.0	67.2	56.3	70.7		N	Overcast—light wind.—Evening, clear.
☉ ♀ 31	30.434	66.2	30.366	70.6	54	59.6	68.6	53.3	68.8		NNE	Fine—lightly cloudy.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.056	69.8	30.033	70.6	55.0	64.1	69.2	56.1	71.5	1.682		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.942 29.916 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

..... above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House..... = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR AUGUST, 1833.

1833. August.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☿ 1	30.392	65.7	30.404	70.2	50	61.4	65.3	57.3	66.4		NNE	Cloudy—light wind.
♀ 2	30.378	63.3	30.352	67.2	54	57.6	63.3	53.5	64.5		NNE	{ Overcast—light wind.—Light rain, early A.M.
♂ 3	30.301	63.3	30.314	67.4	54	60.0	64.2	54.8	64.7		N	Cloudy—light wind.
☉ 4	30.366	66.3	30.297	66.9	43	59.4	65.1	48.7	68.3		N	Fine and clear—light clouds.
☽ 5	30.111	64.4	30.087	68.0	51	63.0	67.4	51.7	68.2		NNW	{ A.M. Lightly cloudy. P.M. Fine and clear.—Shower at night.
♂ 6	30.172	66.3	30.150	67.4	47	58.8	65.3	49.4	66.7		NNE	Fine and clear—light clouds.
♀ 7	30.141	64.5	30.084	66.8	45	58.4	66.6	48.3	68.7		N	{ Fine.—A.M. Nearly cloudless. P.M. Cloudy—light wind.
☿ 8	30.091	66.3	30.071	67.6	50	62.2	67.2	52.8	69.7		W	{ A.M. Fine and cloudless. P.M. Cloudy. Evening, lightly cloudy—calm.
♀ 9	30.063	67.3	30.012	68.8	53	65.8	69.5	58.6	73.7		SSW	{ A.M. Fine—nearly cloudless. P.M. Lightly overcast.
♂ 10	30.031	67.3	29.978	69.7	55	63.8	70.5	55.2	73.6		W	{ Fine—light broken clouds.—Heavy rain at 6 P.M.
☉ 11	30.002	67.3	30.030	69.8	58	63.7	67.7	51.2	70.0	0.078	WSW	Fine—lightly cloudy.
☽ 12	30.210	66.2	30.154	68.7	49	59.7	67.0	49.8	68.3		W	Fine—light clouds—calm.
♂ 13	29.827	62.8	29.728	66.8	51	57.1	64.2	52.7	65.5		WNW	Overcast.
♀ 14	29.649	63.4	29.675	66.6	51	59.0	63.8	50.7	65.3	0.008	NNE	Fair—lightly cloudy.
☿ 15	29.768	62.2	29.760	65.8	52	59.3	65.2	50.2	66.3		N	A.M. Fine. P.M. Lightly overcast.
♀ 16	29.794	64.4	29.838	66.5	46	61.2	65.6	52.2	65.3		SSW	A.M. Cloudy. P.M. Fine.
♂ 17	29.918	64.3	29.848	66.4	49	60.2	67.3	50.6	69.9		SSW	A.M. Fine. P.M. Cloudy.
☉ 18	29.827	62.5	29.836	66.4	51	59.3	65.2	52.6	69.6		SW	A.M. Fine. P.M. Rain.
☽ 19	29.833	65.4	29.875	67.7	56	64.0	68.3	57.7	69.4	0.204	WSW	Fine—light clouds.
♂ 20	29.986	66.4	29.934	68.9	50	62.7	70.2	54.5	71.7		SW	Fine—lightly cloudy.
♀ 21	29.899	66.3	29.794	69.9	55	64.5	72.6	61.8	75.5		SW	{ A.M. Lightly overcast. P.M. Fine—light clouds.
☿ 22	29.782	67.8	29.722	69.1	47	60.3	67.8	52.0	68.6		SW	Fine—nearly cloudless.
♀ 23	29.658	66.6	29.707	68.8	48	61.1	67.8	51.0	68.3		SW var.	Fine—light clouds and wind.
♂ 24	29.964	64.2	29.990	68.2	53	61.3	68.7	54.2	69.4		W	Fine—lightly cloudy.
☉ 25	30.126	60.4	30.196	67.3	52	59.9	61.8	53.3	64.5		NE var.	A.M. Fine. P.M. Cloudy.
☽ 26	30.303	61.8	30.259	66.2	51	57.5	67.3	54.0	68.2		NW	A.M. Lightly overcast. P.M. Fine.
♂ 27	30.255	64.2	30.194	66.7	51	58.3	69.5	50.4	71.5		SW	Fine and cloudless—light wind.
♀ 28	30.257	65.7	30.225	68.9	54	63.2	72.8	53.0	73.7		SSW	Fine—light clouds.
☿ 29	30.159	67.4	30.010	69.6	59	61.5	72.8	55.3	75.3		S	{ Fine.—A.M. Light clouds. P.M. Cloudless.
☉ ♀ 30	29.893	66.7	29.713	69.0	52	61.3	66.2	56.4	68.2		SW	{ A.M. Cloudless. P.M. From 6½ h. rain and high wind.
♂ 31	28.970	61.2	29.011	60.3	51	52.5	50.9	48.2	52.5	0.277	SW var.	Light rain, with high wind.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	30.004	64.9	29.976	67.7	51.2	60.6	66.7	53.0	68.4	0.567		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.904 29.867 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

—above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR SEPTEMBER, 1833.

1833. Sept.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Win fat 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	29.467	57.5	29.598	59.8	41	51.3	55.0	48.0	55.3	0.113	ESE	Fine—lightly cloudy.
☾ 2	29.958	55.8	29.950	59.7	39	50.2	60.2	41.0	61.9		SW	{ Fine.—A.M. Cloudless. P.M. Light clouds.
♂ 3	29.707	58.5	29.610	59.8	53	56.6	57.9	49.8	61.2		SSW	{ Fine—light clouds.—Heavy rain at 1½ P.M.
♀ 4	29.944	57.2	30.056	59.3	45	54.0	57.4	47.2	58.6	0.113	NE var.	Fine—light clouds and wind.
♂ 5	30.305	54.7	30.299	58.4	45	52.3	59.7	43.0	59.3		NNE	{ Fine—light wind.—A.M. Nearly cloudless. P.M. Light clouds.
♀ 6	30.281	56.2	30.181	59.9	49	54.9	62.8	45.4	63.3		NE var.	{ Fine—light wind.—A.M. Light clouds. P.M. Cloudless.
♂ 7	30.059	57.0	29.996	62.5	53	57.4	66.0	49.6	67.2		NE var.	Fine—lightly cloudy.
☉ 8	29.816	58.0	29.804	61.9	52	55.2	61.8	52.9	62.8		SE var.	{ Overcast—light wind.—Light rain, A.M.
☾ 9	29.899	59.8	30.027	63.2	55	57.9	64.3	54.8	64.8	0.025	NNW	{ A.M. Lightly overcast. P.M. Fine—light clouds.
♂ 10	30.083	60.7	30.027	61.5	53	57.6	59.8	56.4	60.2		ENE	Lightly cloudy and overcast.
♀ 11	29.792	60.7	29.703	64.5	56	58.7	65.2	55.8	66.8		NNW	{ A.M. Overcast—very light rain. P.M. Fine—light clouds.
♂ 12	29.973	59.8	30.033	62.0	45	55.5	60.3	48.2	61.2		SSW	A.M. Cloudy. P.M. Fine.
☉ 13	30.146	57.2	30.097	61.6	43	52.9	61.0	43.0	62.4		SW	{ Fine.—A.M. Nearly cloudless. P.M. Light clouds.
♂ 14	29.922	59.6	29.901	63.5	51	59.4	65.7	52.2	66.3		NE var.	A.M. Fine. P.M. Cloudy.
☉ 15	29.942	58.8	29.903	62.5	50	53.0	63.8	46.0	64.7		SSW	Fine—nearly cloudless.
☾ 16	29.689	61.0	29.641	63.4	52	58.2	62.0	52.4	64.4		SW	{ A.M. Fine. P.M. Cloudy.—At night, rain.
♂ 17	29.530	59.7	29.623	63.3	53	56.4	62.6	52.8	63.5	0.185	ENE	Cloudy.—Light rain, early A.M.
♀ 18	29.778	58.7	29.812	62.3	52	54.3	59.6	47.5	62.2		SW	Fine—light clouds.
♂ 19	30.043	57.7	30.081	61.4	48	53.8	59.2	45.5	61.7		SW	A.M. Fine. P.M. Light rain.
♀ 20	30.253	56.0	30.235	60.0	50	50.6	60.6	45.0	61.2	0.041	ENE	A.M. Fine. P.M. Lightly cloudy.
♂ 21	30.188	57.3	30.107	60.7	50	52.8	61.6	49.9	63.2		E	A.M. Light fog. P.M. Fine.
☉ 22	30.053	57.6	29.990	61.5	49	53.2	62.6	50.0	63.7		E	A.M. Fog. P.M. Fine—light clouds.
☾ 23	29.877	58.8	29.808	63.6	53	56.2	63.2	51.4	64.6		ESE	Fine—light haze and clouds.
♂ 24	29.443	60.2	29.415	62.0	55	59.6	61.2	53.2	61.5		NW var.	{ Overcast—light rain and brisk wind. —At night, high wind.
♀ 25	29.707	61.7	29.754	63.9	52	59.9	62.4	55.0	64.5		S	Fine—nearly cloudless—brisk wind.
♂ 26	29.798	61.2	29.839	64.2	54	59.0	61.5	54.2	63.7		S	Fine—nearly cloudless.
♀ 27	29.895	57.7	29.819	61.6	46	49.9	61.0	46.0	61.5		SSW	A.M. Fog. P.M. Fine.
☉ 28	29.609	59.7	29.581	61.7	57	57.4	58.4	49.4	59.3		ESE	A.M. Cloudy. P.M. Fair.
☾ 29	29.934	57.7	30.010	61.3	53	52.6	60.6	46.3	61.5		WSW	{ A.M. Fine and cloudless. P.M. Lightly cloudy.
☉ 30	30.254	57.3	30.260	60.7	50	50.7	61.7	48.8	62.3		ESE	A.M. Fog. P.M. Fine—light clouds.
	Mean 29.912	Mean 58.5	Mean 29.905	Mean 61.7	Mean 50.1	Mean 55.1	Mean 61.3	Mean 49.4	Mean 62.5	Sum 0.477		
Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr.....										{ 9 A.M. 29.830 3 P.M. 29.813 }		

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.
 ————— above the mean level of the Sea (presumed about)..... = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR OCTOBER, 1833.

1833. October.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♂ 1	30.303	55.7	30.264	57.7	45	47.7	55.8	45.3	56.7		E	{ A.M. Fog. P.M. Fine—light clouds { and haze.
♀ 2	30.239	55.3	30.154	58.4	47	48.2	60.3	46.8	60.3		E	{ A.M. Light fog. P.M. Fine—light { clouds and wind.
♂ 3	30.063	56.2	30.039	57.4	51	51.8	55.2	47.7	55.1		NNE	Haze.
♀ 4	30.142	55.2	30.106	58.8	51	51.3	59.6	45.6	60.4		NNE	{ Fine.—A.M. Cloudless. P.M. Light { clouds.
h 5	30.119	54.7	30.122	58.6	52	52.2	58.4	45.5	58.8		NNE	Lightly cloudy and overcast.
☉ 6	30.149	55.7	30.126	58.7	53	53.4	60.7	49.3	61.3		NNE	{ A.M. Overcast. P.M. Fine—light { clouds.
☾ 7	30.158	55.2	30.095	58.4	51	50.9	59.7	48.3	59.7		NNE	{ A.M. Overcast. P.M. Fine and clear { —light clouds and wind.
♂ 8	30.032	55.4	29.990	58.7	53	52.7	60.7	47.6	60.8		NNE	{ A.M. Light fog. P.M. Fine—light { clouds.
♀ 9	30.166	55.3	30.202	58.3	51	51.0	57.4	48.3	57.4		NNE	Lightly cloudy and overcast—light wind.
♂ 10	30.243	54.9	30.170	57.4	49	53.5	55.7	47.5	56.5		E	Fine and cloudless.
♀ 11	29.994	52.7	29.948	56.4	43	47.2	57.2	43.7	58.3		E	{ A.M. Fog. P.M. Fair—lightly over- { cast.
h 12	29.950	54.3	29.871	57.8	50	50.6	58.2	46.7	58.8		WSW	Lightly overcast.—Evening, light rain.
☉ 13	30.109	51.0	30.039	55.3	41	43.8	51.9	38.6	57.6		WSW	{ A.M. Fine and cloudless. P.M. Fair { —lightly cloudy.
☾ 14	29.540	55.8	29.478	58.6	57	57.7	57.7	43.3	59.7	0.014	SSW	Rain.
♂ 15	29.225	55.3	29.128	57.6	44	49.7	53.7	47.8	54.3	0.014	SW	{ Fine and clear—light clouds.—Even- { ing, light rain.
♀ 16	29.215	51.8	29.294	53.8	45	45.4	50.3	41.3	50.3	0.017	W	{ Lightly cloudy.—At noon, fine and { clear: evening, light rain.
♂ 17	29.556	51.4	29.633	53.7	49	49.1	51.7	43.2	52.6	0.028	NW	A.M. Light rain. P.M. Overcast.
♀ 18	29.668	50.3	29.547	53.3	43	45.7	51.2	41.2	51.2	0.008	W	{ Lightly cloudy and hazy.—Light wind, { A.M.
h 19	29.433	50.9	29.893	54.2	47	47.8	51.3	42.8	53.3	0.031	W	Fine—lightly cloudy.
☉ 20	29.572	48.6	29.715	52.3	41	41.7	50.8	38.3	55.5	0.008	W	{ Fine—haze.—A.M. Cloudless. P.M. { Light clouds and wind.
☾ 21	29.671	52.3	29.627	55.4	55	55.8	57.7	41.2	57.7		S var.	{ Overcast.—At night, rain with strong { wind.
♂ 22	29.677	57.3	29.692	60.3	56	56.0	59.3	54.8	60.7	0.028	SSW	{ Fair—lightly overcast.—At night, rain { with strong brisk wind.
♀ 23	29.430	57.6	29.507	59.9	55	56.9	56.6	53.2	59.3	0.014	S	Light wind and broken clouds.
♂ 24	29.686	55.7	29.576	59.6	52	53.3	61.8	47.3	61.7	0.008	ESE	{ A.M. Lightly cloudy. P.M. Light { clouds and wind.
♀ 25	29.470	58.3	29.428	60.6	53	55.9	60.5	53.3	61.7		E	{ Fine—light high clouds.—Evening, { cloudless.
h 26	29.567	58.9	29.522	61.2	54	56.0	60.9	54.7	62.3		ESE	{ A.M. Fine and clear. P.M. Overcast. { Evening, light rain.
☉ 27	29.875	57.7	29.847	60.7	51	52.1	59.3	48.8	59.4	0.006	ESE	{ A.M. Haze. P.M. Fine—light floc- { culous clouds—light unsteady wind.
☉ 28	29.776	59.2	29.744	61.6	56	56.5	60.5	51.8	60.5		E	{ A.M. Light fog and deposition. P.M. { Fine.
♂ 29	29.729	58.8	29.878	61.9	55	55.8	62.3	52.7	62.3		E	Fine—nearly cloudless.—Haze, A.M.
♀ 30	30.011	58.3	30.008	60.4	52	52.6	60.7	49.7	61.3		E	A.M. Haze. P.M. Fine and cloudless.
h 31	30.071	56.4	29.999	58.4	48	48.2	54.5	47.2	56.7		W	Fog.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.834	55.0	29.827	57.9	50.0	51.3	57.1	46.9	58.1	0.176		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 { 29.762 29.746 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge..... = 83 feet 2½ in.

— above the mean level of the Sea (presumed about) = 95 feet.

The External Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR NOVEMBER, 1833.

1833. Nov.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de-grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
♀ 1	29.840	58.3	29.841	60.3	57	57.2	58.2	47.7	59.7	0.007	WSW	{ A.M. Rain, early. P.M. Fine and cloudless.
h 2	30.056	55.4	29.804	58.3	47	49.0	55.2	45.3	56.3	0.008	WSW	{ A.M. Lightly cloudy. P.M. Fine.
⊙ 3	29.721	54.7	29.858	55.7	41	48.8	51.6	45.8	51.6		WNW	{ A.M. Fine and cloudless—light brisk wind. P.M. Cloudy.
⋈ 4	30.135	49.8	30.144	52.4	38	40.8	48.2	37.3	49.2		WSW	{ Fine.—A.M. Nearly cloudless. P.M. Light clouds.
♂ 5	30.284	48.7	30.134	51.0	41	44.5	50.3	37.3	53.7		WSW	Overcast.—Light rain, P.M.
♀ 6	30.004	53.7	29.990	57.6	52	54.6	55.8	43.7	57.4		WSW	Overcast and cloudy—light wind.
⋈ 7	29.853	51.9	29.501	51.7	43	46.8	43.6	43.6	46.8		WSW	Rain.—Dark and lowering, P.M.
♀ 8	29.695	46.6	29.819	48.4	36	38.7	44.7	35.5	44.7	0.556	NNW	Fine—light clouds.
h 9	29.998	45.9	30.053	47.4	38	39.7	42.9	37.2	45.8	0.008	WSW	A.M. Haze. P.M. Fine—light clouds.
⊙ 10	30.122	47.3	30.110	49.7	43	46.9	51.1	37.8	51.1		SSW	Lightly cloudy and overcast—light airs.
⋈ 11	30.076	50.3	30.053	51.5	45	48.6	50.2	46.4	50.7		S	Overcast.—Light rain, P.M.
♂ 12	30.223	49.7	30.224	51.2	42	40.7	45.9	41.3	45.9		SW	Strong fog.
♀ 13	30.303	49.4	30.263	50.4	45	45.1	47.0	40.3	47.0		SW	Lightly overcast and hazy.
⋈ 14	30.158	45.3	30.122	46.6	38	38.2	42.1	35.2	42.1		NE	Fine—light haze.—Cloudless, A.M.
♀ 15	30.071	44.4	29.976	44.9	35	37.8	40.3	36.3	40.3		E	Overcast—light fog.
h 16	29.874	44.8	29.867	47.2	38	41.3	45.0	37.4	45.7		S	{ Lightly cloudy—haze.—Light rain at night.
⊙ 17	29.986	46.7	30.036	50.0	44	47.2	51.9	40.7	52.4		SSW	{ A.M. Cloudless—fog—deposition. P.M. Lightly cloudy.
⋈ 18	30.291	50.6	30.293	52.0	48	50.3	52.7	46.4	52.7		ESE	{ Overcast.—Light fog and deposition, A.M.
♂ 19	30.251	52.7	30.198	53.8	49	49.7	50.2	49.2	50.3		W	Overcast—light fog.
♀ 20	30.109	49.1	30.057	51.3	40	40.8	46.3	40.3	48.7		SW	{ Light fog.—A.M. Overcast. P.M. Cloudless.
⋈ 21	30.057	51.2	29.964	52.5	45	45.6	49.7	40.7	53.7		W	Lightly cloudy.—Light fog, A.M.
♀ 22	29.647	53.7	29.469	55.2	52	53.7	54.8	45.0	54.8		SSW	Cloudy—light wind.
h 23	29.723	51.8	29.724	53.3	44	45.3	48.4	43.7	48.4		WSW	A.M. Lightly overcast. P.M. Fine.
⊙ 24	29.604	49.8	29.519	51.2	45	45.8	48.1	40.5	48.4		SSW	{ A.M. Fine and clear—light cloudiness. P.M. Dark—showery.
⋈ 25	29.691	46.7	29.788	47.5	36	38.1	42.6	36.5	42.6	0.122	WSW	{ A.M. Cloudless—light fog and deposition. P.M. Lightly cloudy.
♂ 26	30.155	43.3	30.134	44.9	31	34.1	40.3	31.6	41.4	0.067	SSW	{ A.M. Fog and hoar frost. P.M. Fine—nearly cloudless.
♀ 27	29.889	45.4	29.738	46.0	39	41.4	40.3	33.2	42.7		ESE	{ Fine—light wind.—A.M. Lightly cloudy. P.M. Cloudless.
⋈ 28	29.405	44.4	29.058	46.7	42	42.7	47.7	34.6	50.6		SSE	{ A.M. Overcast—light fog and deposition. P.M. Rain.
♀ 29	29.227	47.3	29.441	48.3	37	44.4	47.2	42.3	47.2	0.031	WSW	{ Light wind.—A.M. Fine—lightly cloudy. P.M. Lt. rain. Evening clear.
h 30	30.029	45.3	30.013	47.5	39	41.1	46.3	38.7	51.3	0.009	W	Fine—light haze.—Cloudless, A.M.
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.949	49.1	29.906	50.8	42.3	44.6	48.0	40.4	49.1	0.808		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 29.896 3 P.M. 29.847 }

OBSERVANDA.

Height of the Cistern of the Barometer above a Fixed Mark on Waterloo Bridge = 83 feet 2½ in.

— above the mean level of the Sea (presumed about) = 95 feet.

The external Thermometer is 2 feet higher than the Barometer Cistern.

Height of the Receiver of the Rain Gauge above the Court of Somerset House = 79 feet.

The hours of observation are of Mean Time, the day beginning at Midnight.

The Thermometers are graduated by Fahrenheit's Scale.

The Barometer is divided into inches and decimals.

METEOROLOGICAL JOURNAL FOR DECEMBER, 1833.

1833. Dec.	9 o'clock, A.M.		3 o'clock, P.M.		Dew Point at 9 A.M. in de- grees of Fahr.	External Thermometer.				Rain, in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	Remarks.
	Barom.	Attach. Therm.	Barom.	Attach. Therm.		Fahrenheit.		Self-registering.				
						9 A.M.	3 P.M.	Lowest.	Highest.			
☉ 1	30.140	49.4	30.062	50.8	47	51.6	53.6	40.3	54.3		SW	{ A.M. Light fog and deposition. P.M. Overcast.—Evening, light rain.
☾ 2	30.122	51.3	30.085	51.8	47	48.6	48.0	46.7	54.3	0.006	WSW	{ A.M. Overcast. P.M. Fine.
♂ 3	29.971	49.7	29.942	51.7	44	46.3	50.8	41.7	52.3		WSW	{ A.M. Lightly cloudy—light wind. P.M. Overcast.
♀ 4	29.656	51.8	29.540	54.3	51	52.8	55.2	45.8	55.2		SSW	Cloudy—light wind.
♂ 5	29.511	53.4	29.475	55.3	48	48.5	48.2	47.4	48.5	0.019	SW	{ A.M. Lightly cloudy. P.M. Fine.— At night, rain and unsteady wind.
♀ 6	29.579	49.4	29.711	50.6	39	39.9	46.7	38.7	50.7	0.014	WSW	{ Fine.—A.M. Cloudless. P.M. Light clouds.
♂ 7	29.392	50.7	29.314	52.4	50	51.5	51.5	39.3	54.3	0.006	SSW	Rain, with light unsteady wind.
☉ 8	30.069	46.7	30.088	48.3	37	38.8	43.7	37.2	53.3	0.011	W	{ Fine—light haze.—A.M. Cloudless. P.M. Lightly cloudy.—Rain at night.
☾ 9	29.564	50.7	29.564	51.9	50	53.9	55.6	37.9	55.6	0.008	WSW	Light rain.
♂ 10	29.881	49.6	29.808	50.2	41	42.3	46.2	41.4	46.2	0.006	SW	{ Fine.—A.M. Cloudless. P.M. Light clouds.
☉ 11	29.685	47.3	29.673	47.9	36	40.6	43.8	38.9	43.8		NNW	{ Light haze.—A.M. Cloudless. P.M. Fair—lightly overcast.
♂ 12	29.773	43.8	29.848	45.3	37	37.8	40.4	34.7	40.4	0.006	W	{ Fine—nearly cloudless—light wind. Light haze.—A.M. Lightly cloudy.— deposition—hoar frost. P.M. Fine —nearly cloudless.
♀ 13	30.072	42.3	30.111	43.5	35	36.3	39.8	32.9	41.9		WNW	{ A.M. Overcast—fog. P.M. Fine— light clouds.
♂ 14	30.132	44.4	30.128	46.6	41	42.9	46.5	35.5	47.3		WSW	Overcast—light fog—deposition.
☉ 15	30.038	47.4	29.983	52.3	43	43.4	48.8	42.4	52.3		WSW	{ Overcast—light unsteady airs.—A.M. Deposition. P.M. Light rain.
☾ 16	29.732	50.7	29.522	51.6	48	52.1	53.2	48.3	52.3		WSW	{ Strong unsteady wind, early A.M.— Fine—lightly cloudy.
♂ 17	29.369	50.3	29.562	50.8	43	46.4	47.7	42.9	52.8	0.008	WSW	Lightly cloudy.—Rain at night.
♀ 18	29.417	51.4	29.701	52.4	50	52.8	50.0	42.5	52.7	0.008	W	{ Overcast.—Evening, gale of wind with rain.
♂ 19	29.789	53.3	29.643	54.5	51	53.3	53.6	46.8	54.5		SSW	{ Fine—light clouds.—Morning and night, unsteady wind.
♀ 20	29.386	52.8	29.435	52.4	41	47.8	47.6	46.7	48.3	0.008	WSW	{ A.M. Lightly cloudy. P.M. Fine— nearly cloudless.
♂ 21	29.342	47.8	29.576	49.0	40	40.2	43.6	36.7	43.6	0.383	WNW	Light rain.
☉ 22	29.594	46.7	29.269	48.5	41	42.4	48.3	37.3	52.4	0.008	SSE	{ Fog—dark and overcast—heavy con- tinued rain.
☾ 23	29.342	49.5	29.211	49.6	45	46.4	46.8	41.7	48.5		E	{ Lightly cloudy and overcast.—Light wind and deposition, A.M.
♂ 24	29.404	50.0	29.311	51.7	49	49.3	51.0	43.8	51.7	0.944	S	{ A.M. Light fog.—Noon, rain. P.M. Clear—light clouds.—Evening, very clear.
♀ 25	29.457	50.0	29.748	49.4	44	46.7	43.4	43.8	46.7	0.083	NNW	{ Lightly overcast—light fog.—Even- ing, rain.
☉ 26	30.176	44.3	30.041	45.3	33	35.6	42.5	34.3	46.0		WSW	{ A.M. Fog deposition. P.M. Fine— nearly cloudless.
♀ 27	29.796	46.8	29.744	48.1	43	43.8	46.8	34.6	46.8	0.133	WSW	{ Lightly cloudy and overcast.—Light fog and deposition, A.M.
♂ 28	29.952	44.8	29.988	46.4	35	37.3	42.9	35.5	51.4	0.061	WSW	{ Fine—cloudy.—Light wind, A.M.
☉ 29	29.746	49.6	29.798	51.0	46	51.8	51.3	36.5	52.3	0.011	W	Rain.
☾ 30	29.665	50.9	29.659	53.2	50	51.8	54.5	47.8	54.7		WSW	{ A.M. Drizzling rain. P.M. Fine— nearly cloudless.
♂ 31	29.641	50.7	29.474	52.2	49	50.3	49.6	43.6	53.2		SSW	
	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean	Sum		
	29.722	49.0	29.710	50.3	43.7	45.9	48.1	40.8	50.3	1.723		

Monthly Mean of the Barometer, corrected for Capillarity and reduced to 32° Fahr. { 9 A.M. 3 P.M. }
 29.661 29.650

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